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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

ULLRICH et al.

Group Art Unit: 1634

Application No.: 09/461,090

Examiner: F. Lu

Filed: December 14, 1999

Attorney Dkt. No.: 100564-09051

For: EGF RECEPTOR TRANSACTIVATION BY G-PROTEIN-COUPLED  
RECEPTORS REQUIRES METALLOPROTEINASE CLEAVAGE OF  
pro-HB-EGF

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## RESPONSE

Commissioner for Patents  
Washington, D.C. 20231

November 20, 2002

Sir:

In response to the Office Action dated May 21, 2002, applicants request that the application be amended as follows.

### IN THE CLAIMS:

Kindly cancel claims 1, 3-5 and 8-21 without prejudice or disclaimer.

Please add the following new claims to the application.

--22. A method for modulating G-protein mediated signal transduction comprising:

providing a cell having a disturbed G-protein mediated signal transduction and a receptor tyrosine kinase capable of activation by G-protein mediated signal transduction;

contacting the cell with a compound affecting an extracellular G protein or G protein coupled receptor initiated signal pathway resulting in an activation of the